



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Friday June 11, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)

# Summary of the Upcoming Week



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- **Isolated flash flooding possible for E AR/NE LA today and tomorrow (also for NE OK/NW AR today).**
- **Marginal to slight risk of severe storms for N OK today, Marginal risk of severe storms for NE NM tomorrow and Sunday (also for western TX/OK Panhandles Sunday).**
- **Heat advisories today for much of OK, NW/W TX, & SE NM and tomorrow for portions of S NM into Far W TX.**
- **A low pressure area is expected to form early next week over the Bay of Campeche & the southwestern Gulf of Mexico. Slow development of this system is possible as it drifts northwestward to northward.**
  - **No impacts in the next 5 days.**

# FEMA Region 6 Threat Matrix

Jun 11, 2021 - Jun 15, 2021



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms	NE OK	NE NM	NE NM TX/OK Panhandles		
	N OK				
Heavy Rain / Flash Flooding	E AR/NE LA NE OK/NW AR	E AR/NE LA			
Fire Weather					
Tropical Winds / Surge					
Heat	OK/NW&W TX/ SE NM	S NM/Far W TX			
River Flooding	SE TX, SW AR	SE TX	SE TX	SE TX	SE TX
	TX, AR, LA	TX, AR, LA	TX, AR, LA	TX, AR, LA	TX, AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



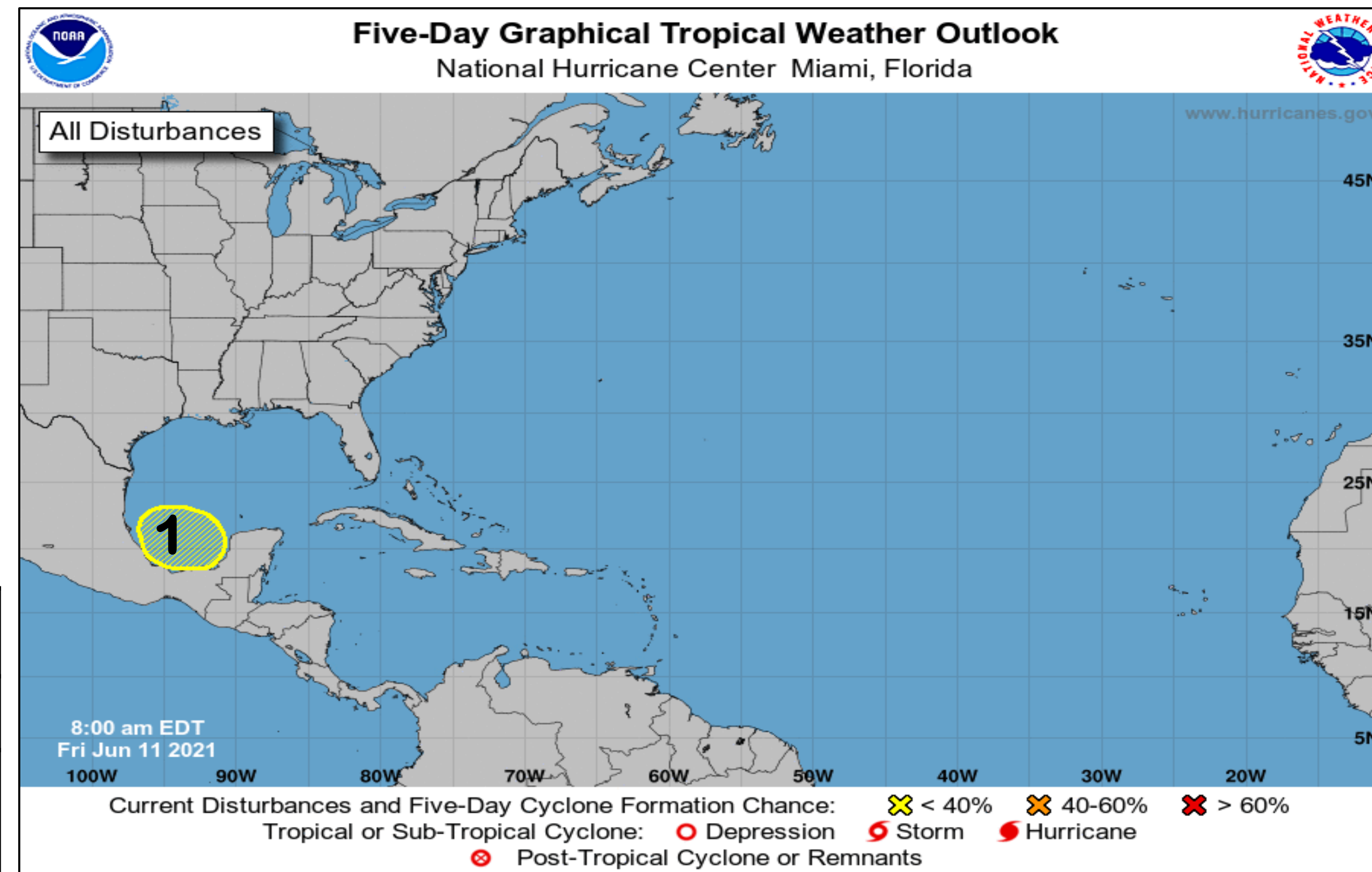
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None in the next 5 days.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



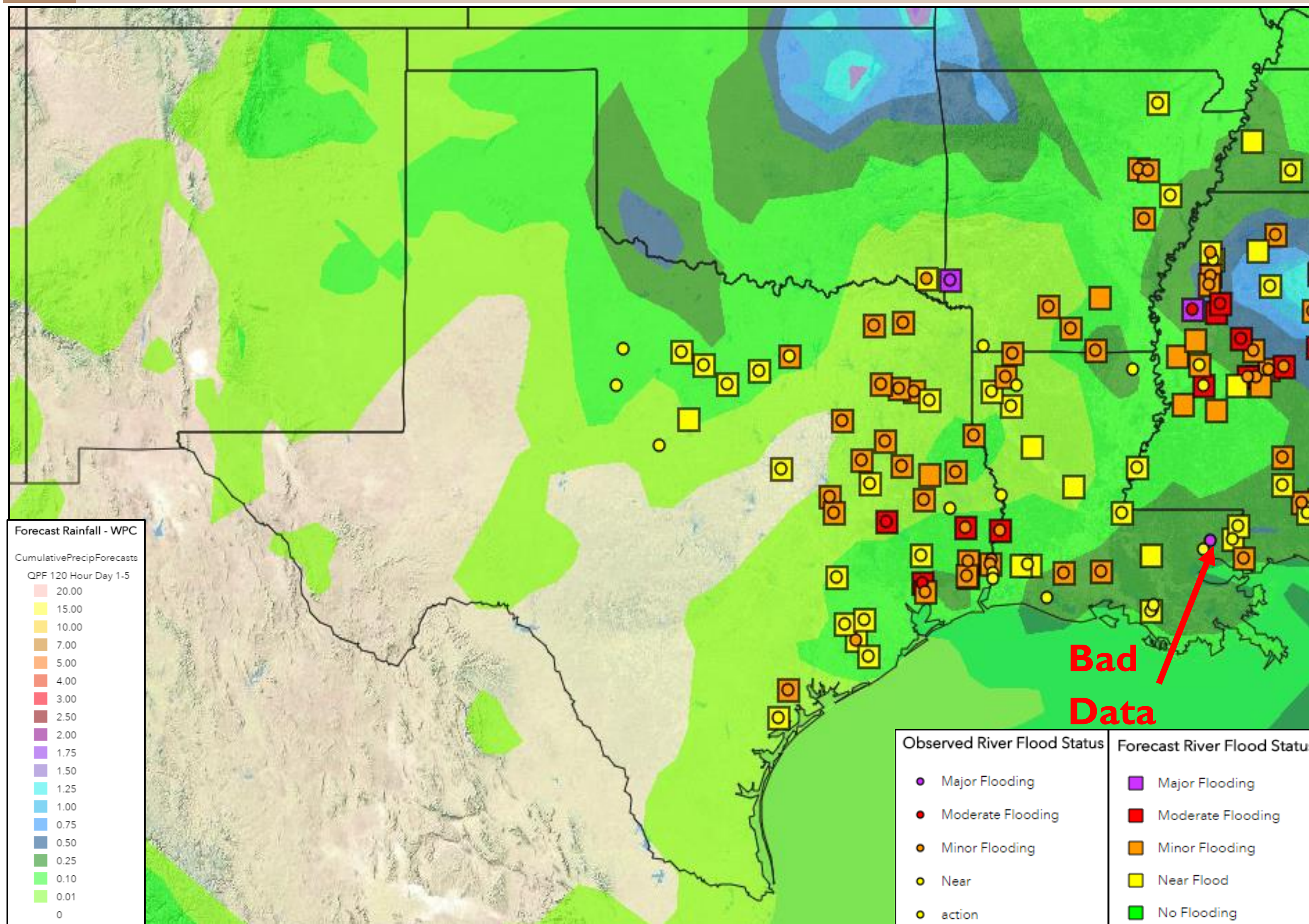


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



## Moderate flooding in SE TX

- Trinity River at Liberty, roads into several outlying communities above Liberty are closed with residents in 5 or 6 subdivisions cut off if not evacuated.
- Trinity River at Riverside, lowest homes in the Green Rich Shores Subdivision are flooded. Forecast to drop below moderate tomorrow.
- Neches River near Town Bluff and Sabine River near Bon Weir, some homes may be flooded.

## Moderate flooding in SW AR

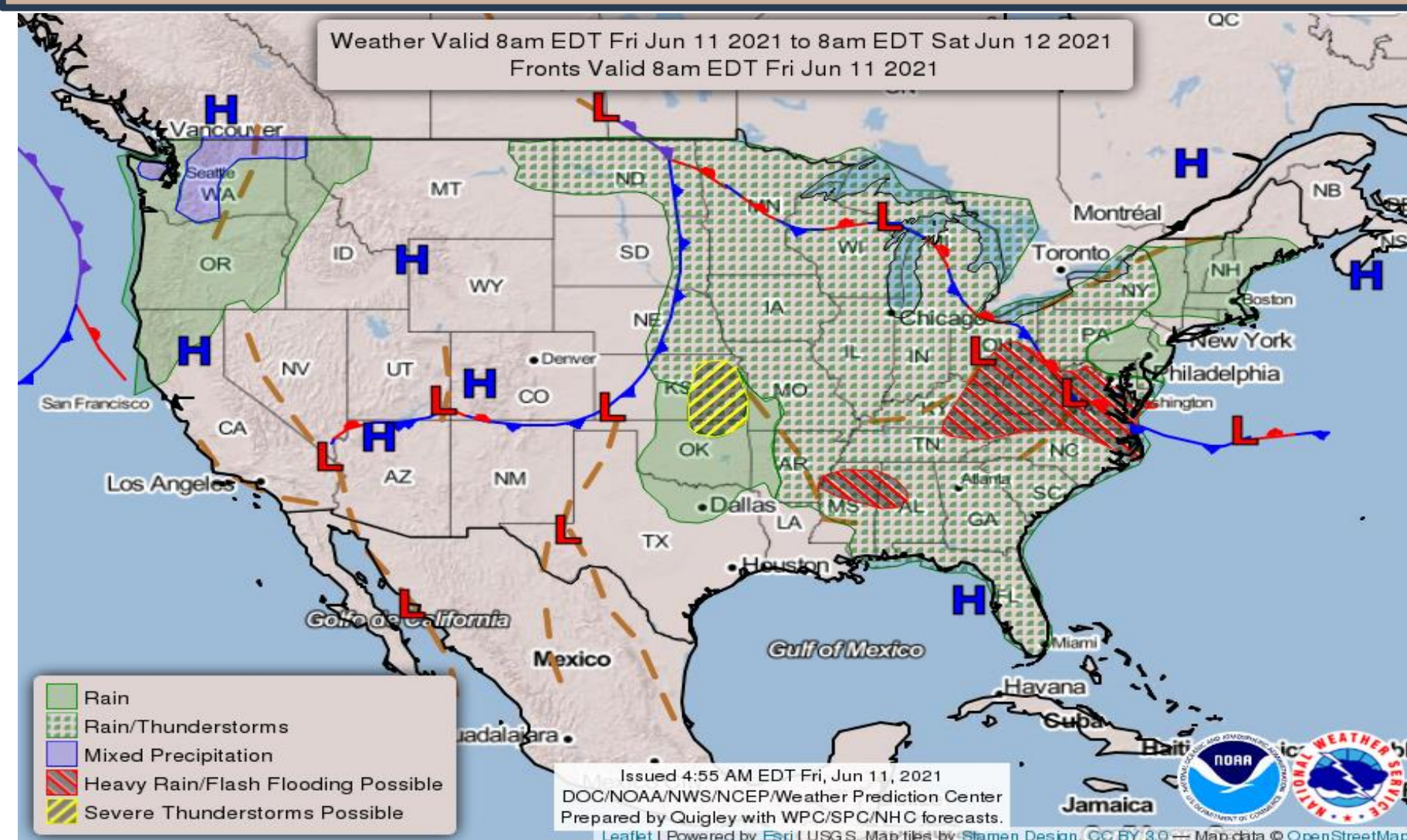
- Little River at Horatio, considerable lowland flooding of several hundred acres of grazing and farming land. Also the golf course west of Horatio floods. Forecast to recede rapidly and drop below flood stage tomorrow morning.

**Minor river flooding continues across AR, LA, and N&E TX with flooding of agricultural, recreational areas and secondary roads.**

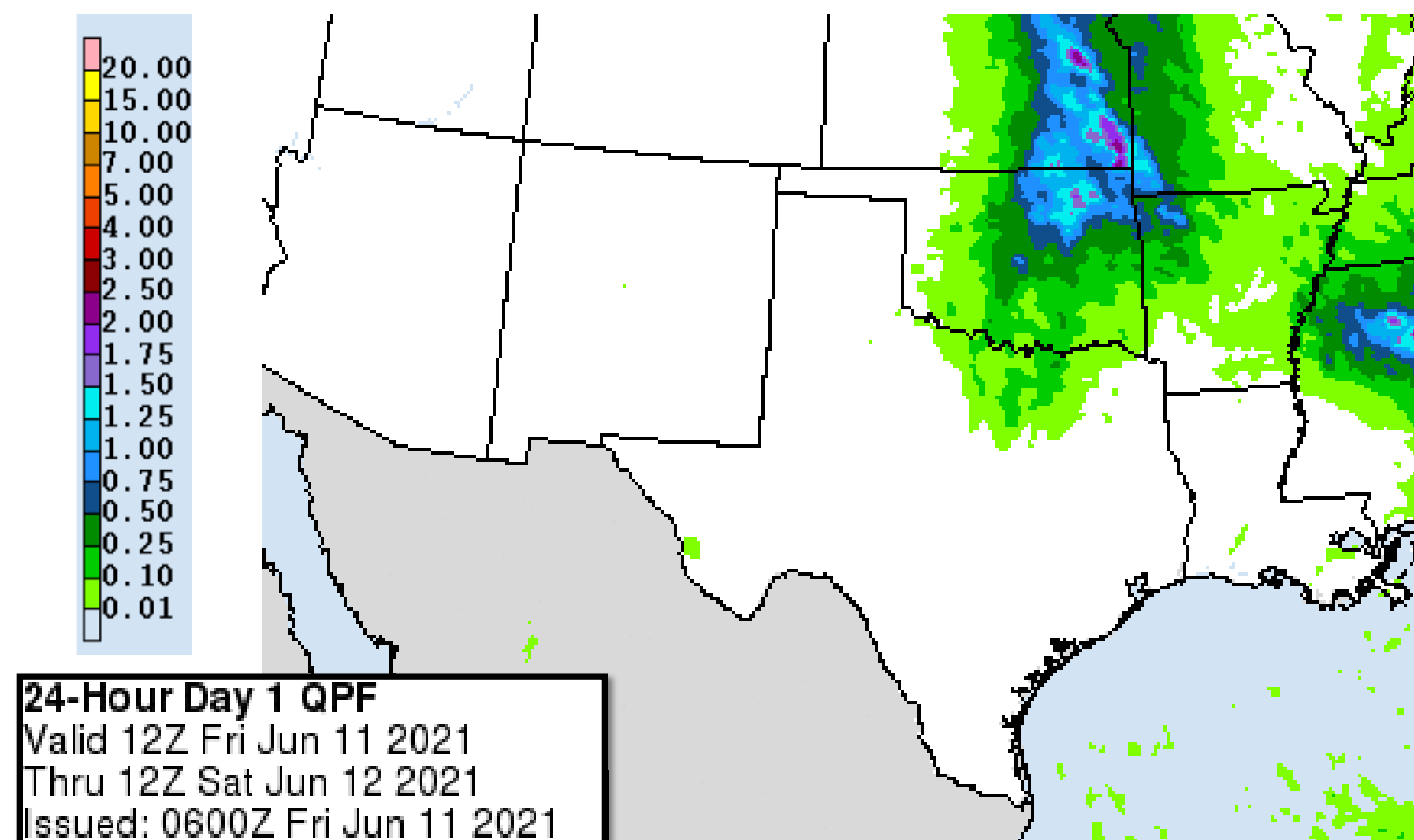


# Today's Weather

## Forecast Chart



## Forecast Rainfall

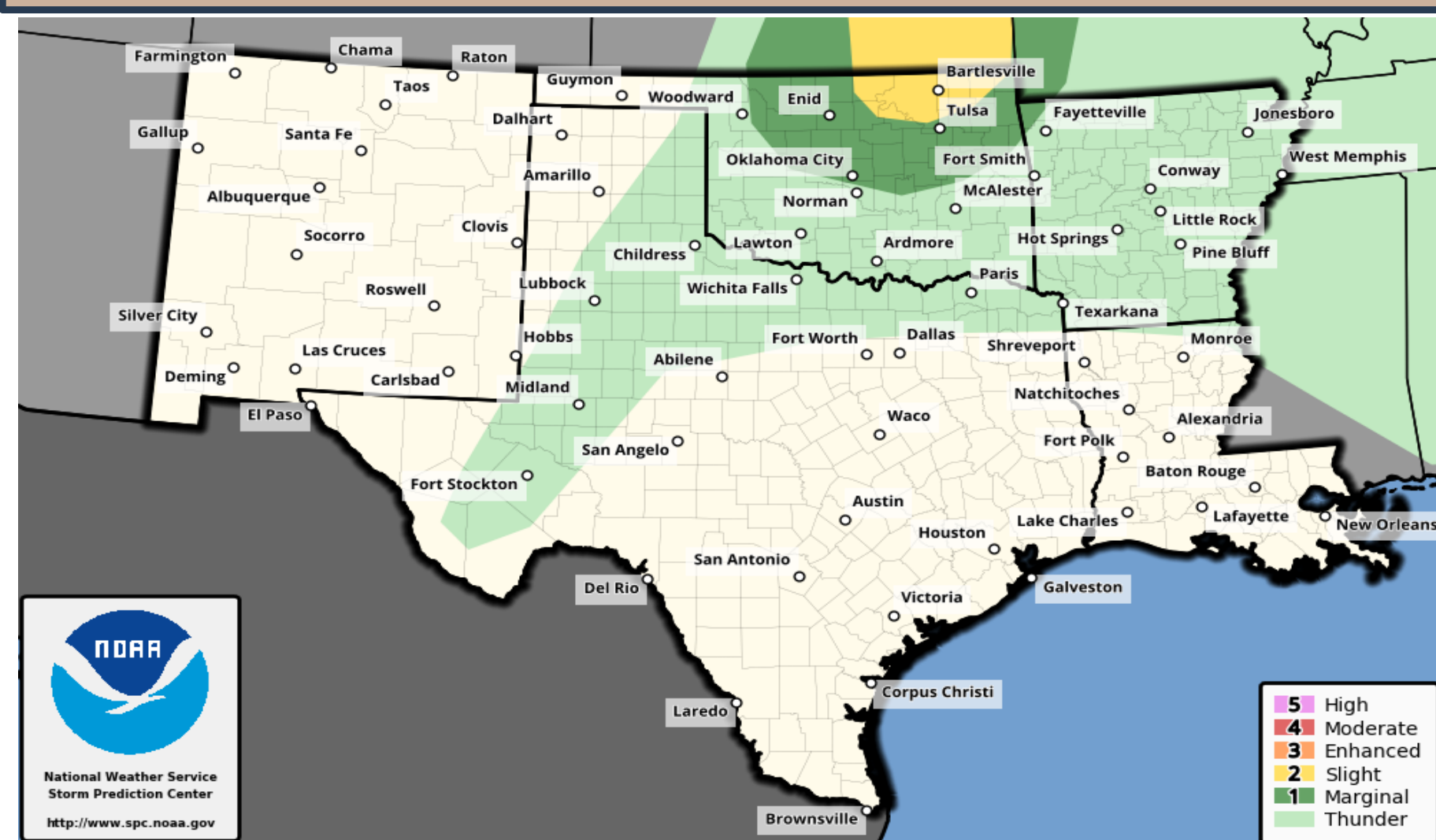


**Slight Risk of severe storms for NE OK. Scattered damaging winds/hail.**

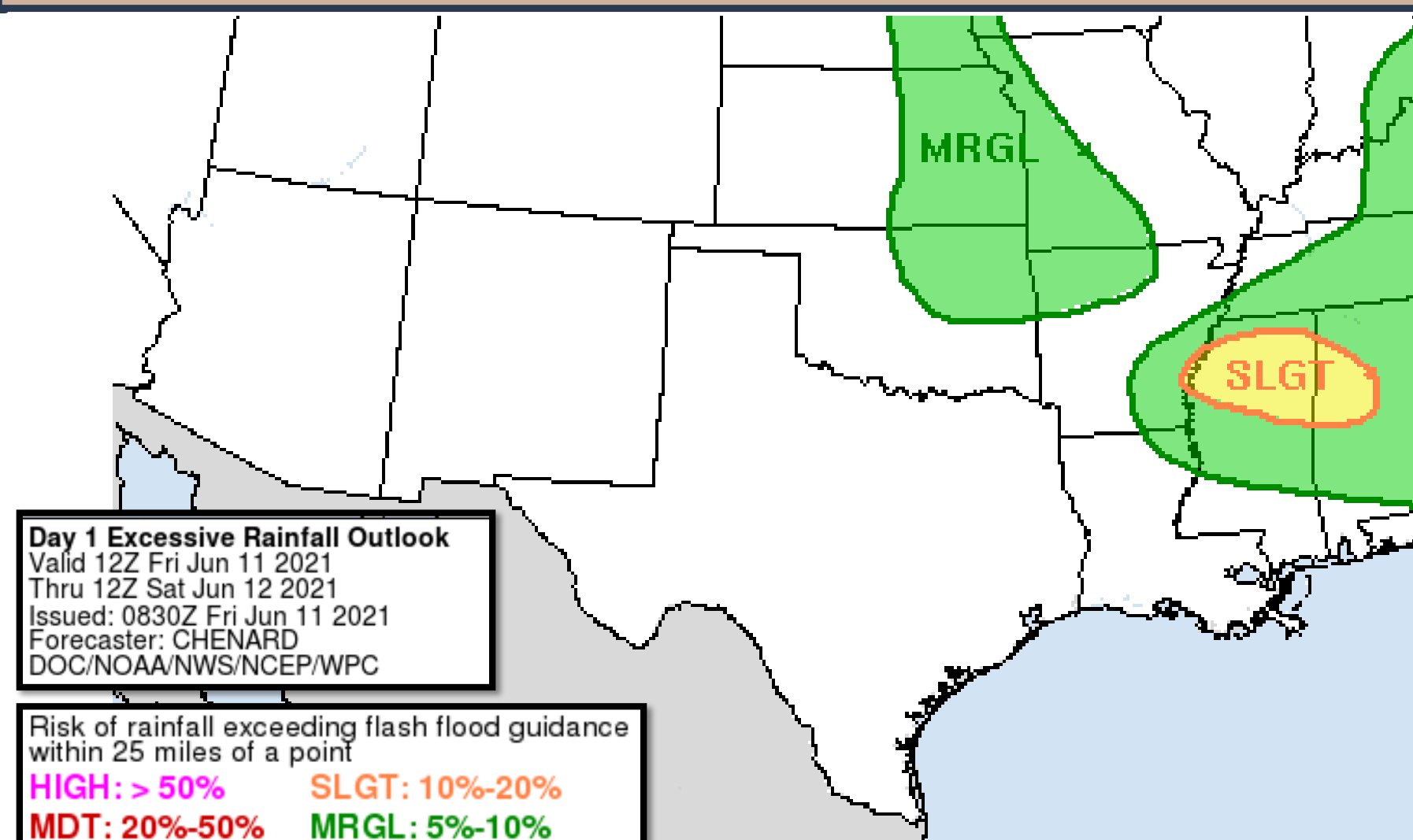
**Isolated severe storms with damaging winds/hail possible for the rest of N OK.**

**Isolated flash flooding possible for E AR/NE LA and for NE OK/NW AR.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



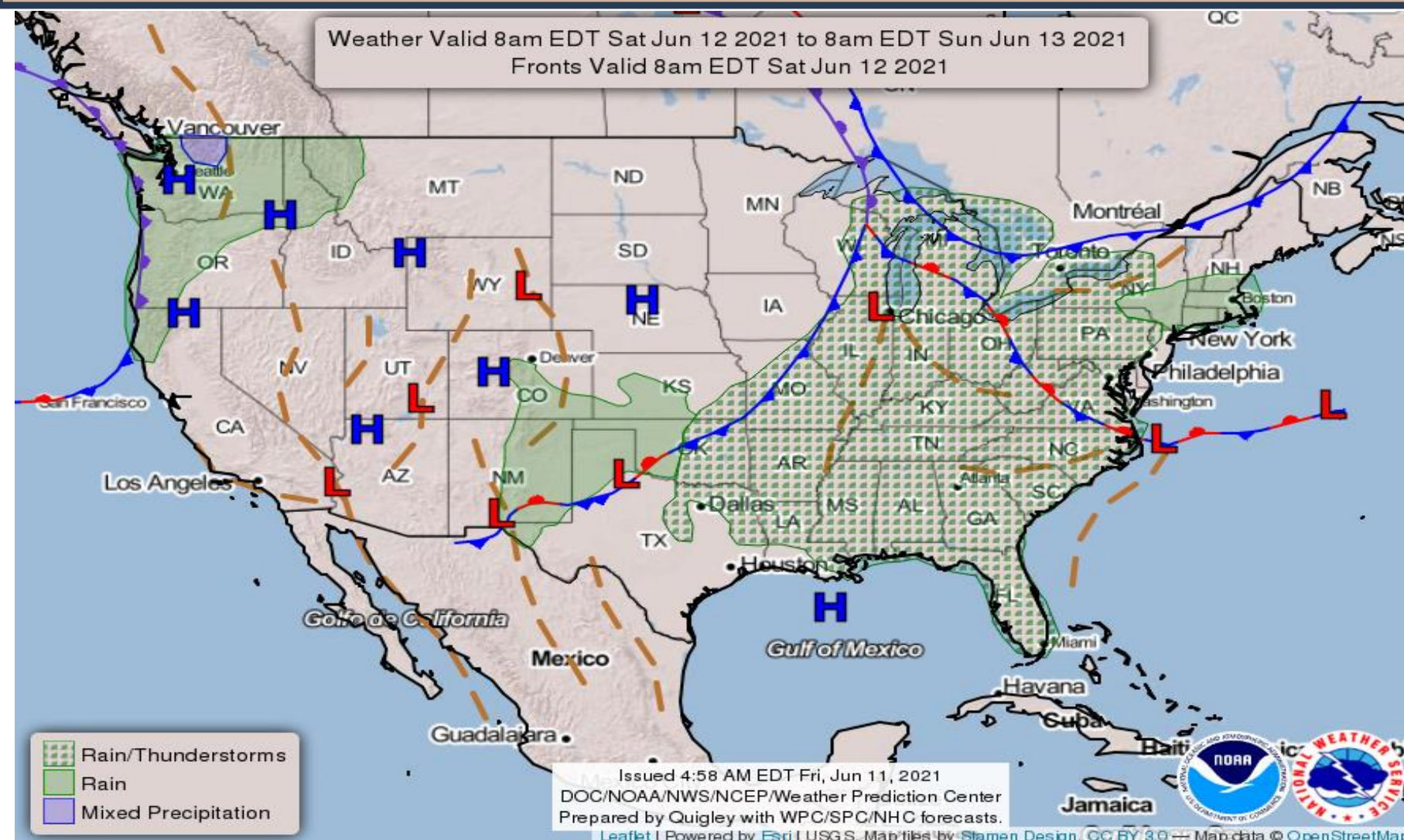


# Tomorrow's Weather

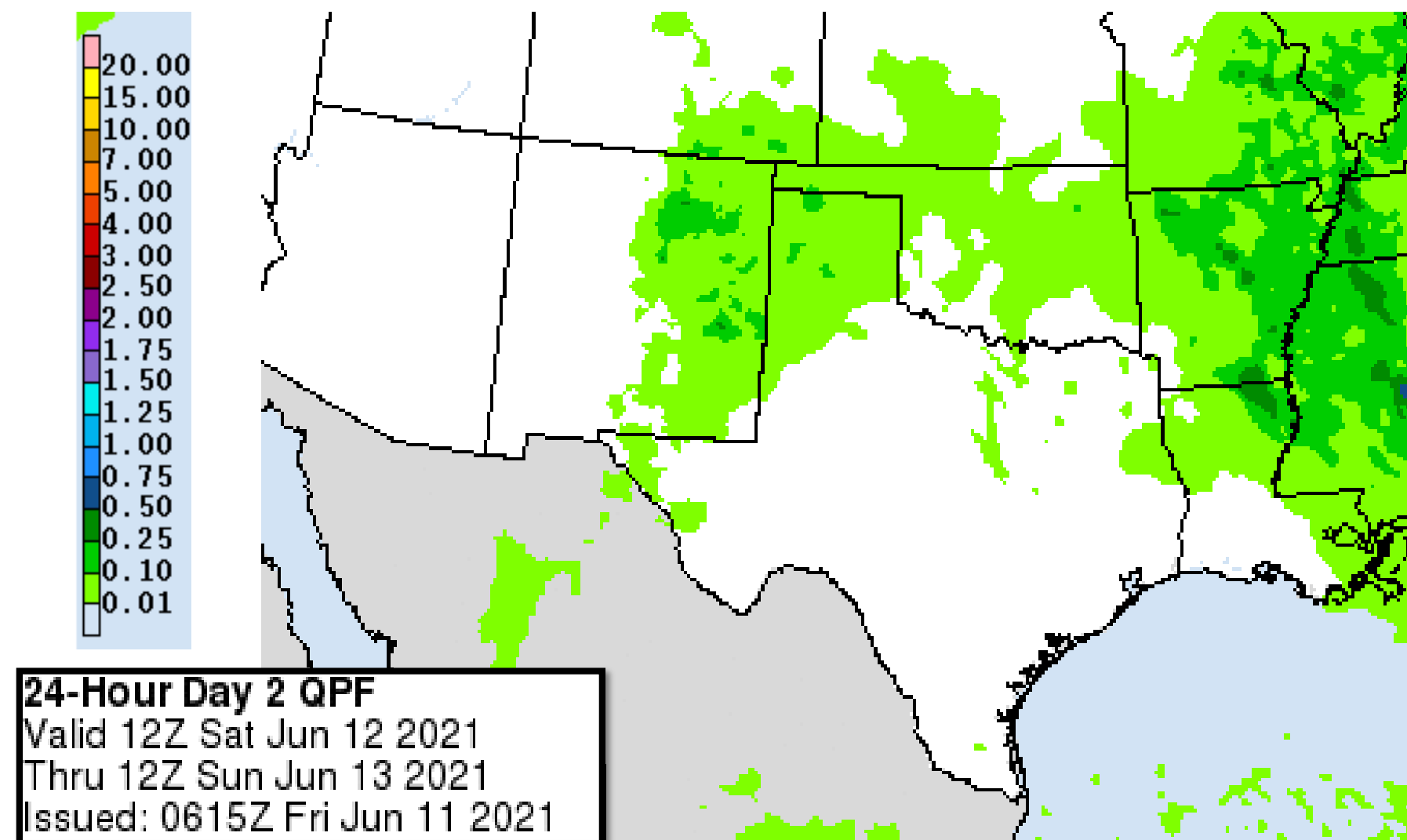


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## Forecast Chart



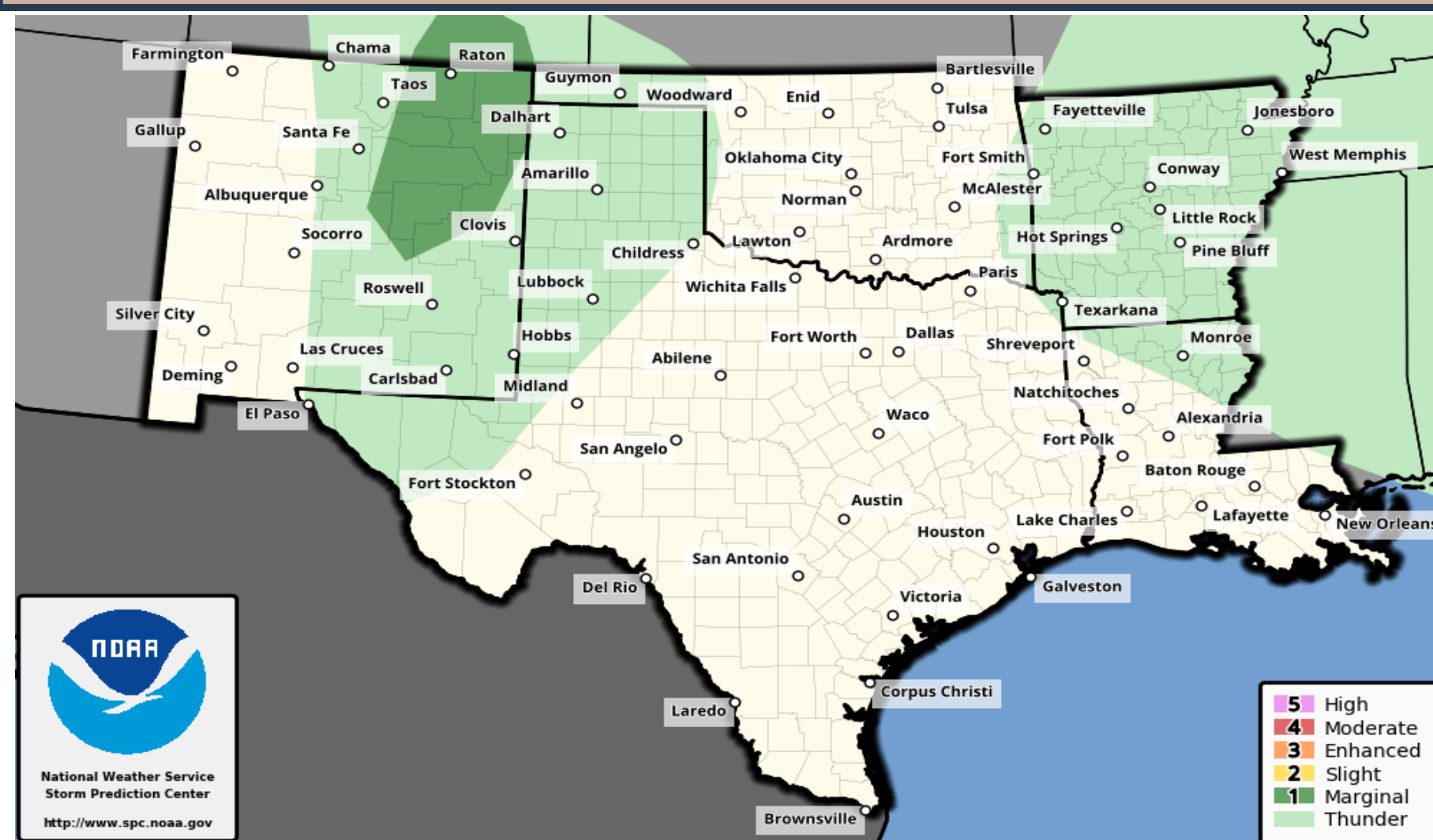
## Forecast Rainfall



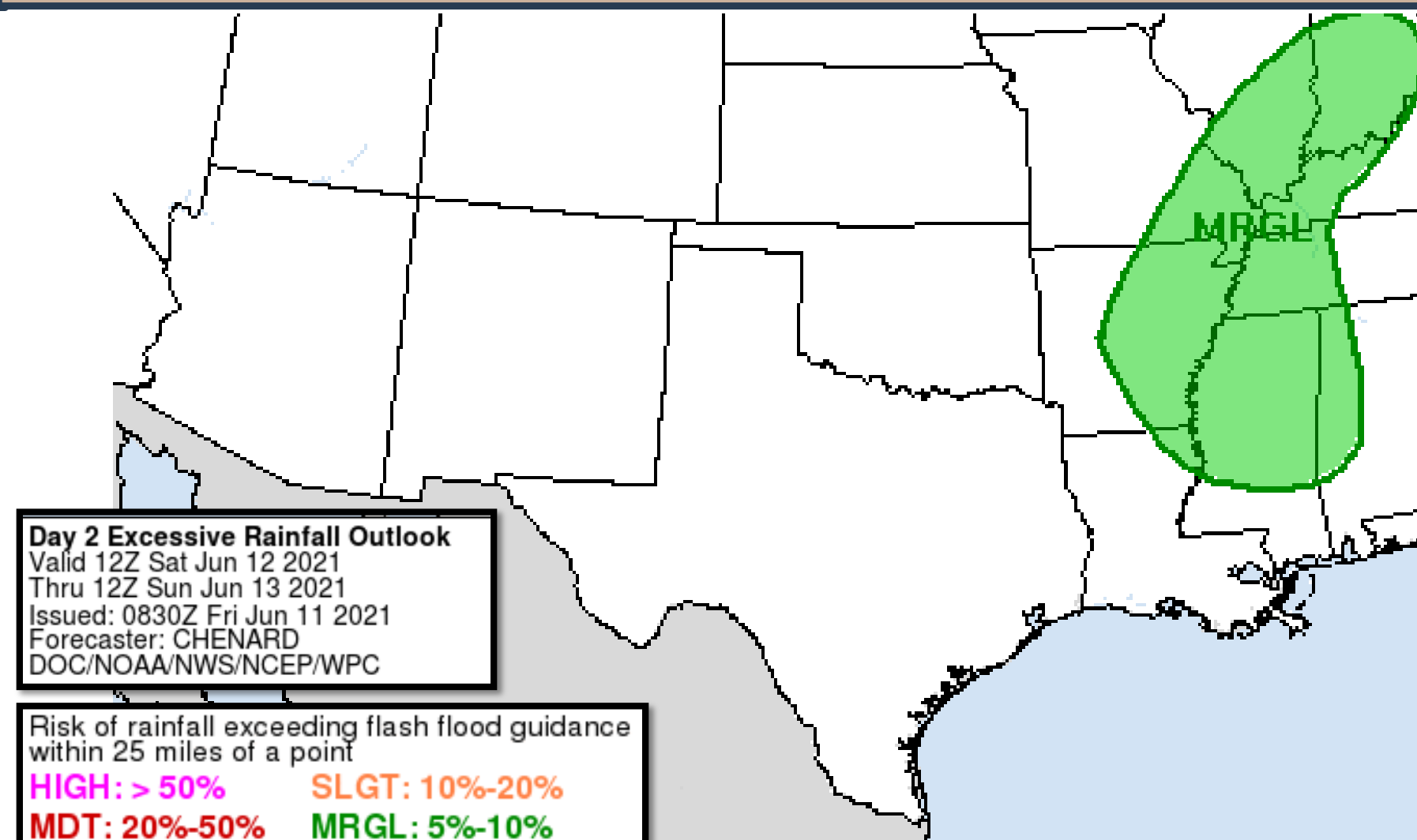
Isolated severe storms may produce hail or strong wind gusts over NE NM.

Isolated flash flooding possible for E AR/NE LA.

## Severe Weather Outlook



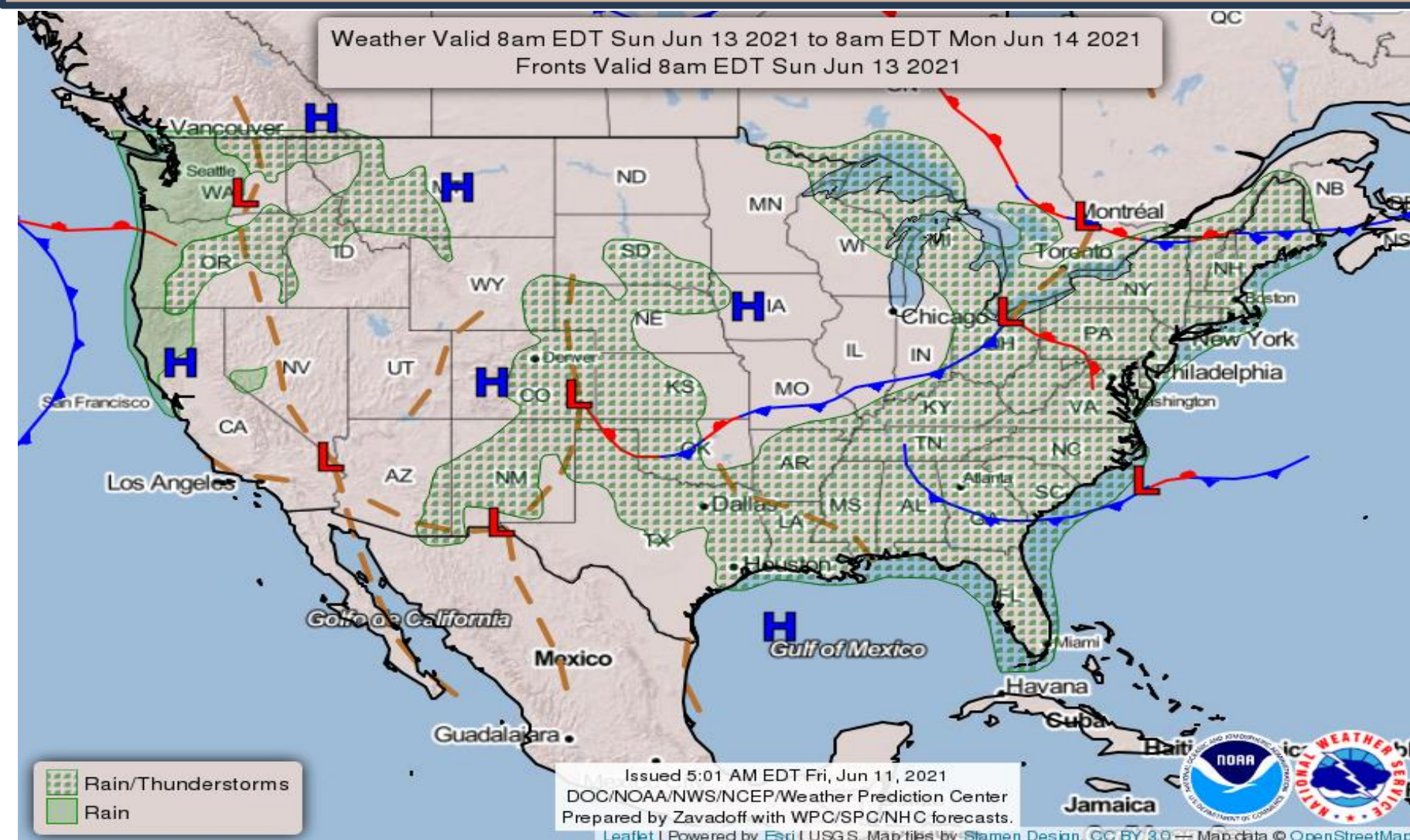
## Excessive Rainfall Outlook



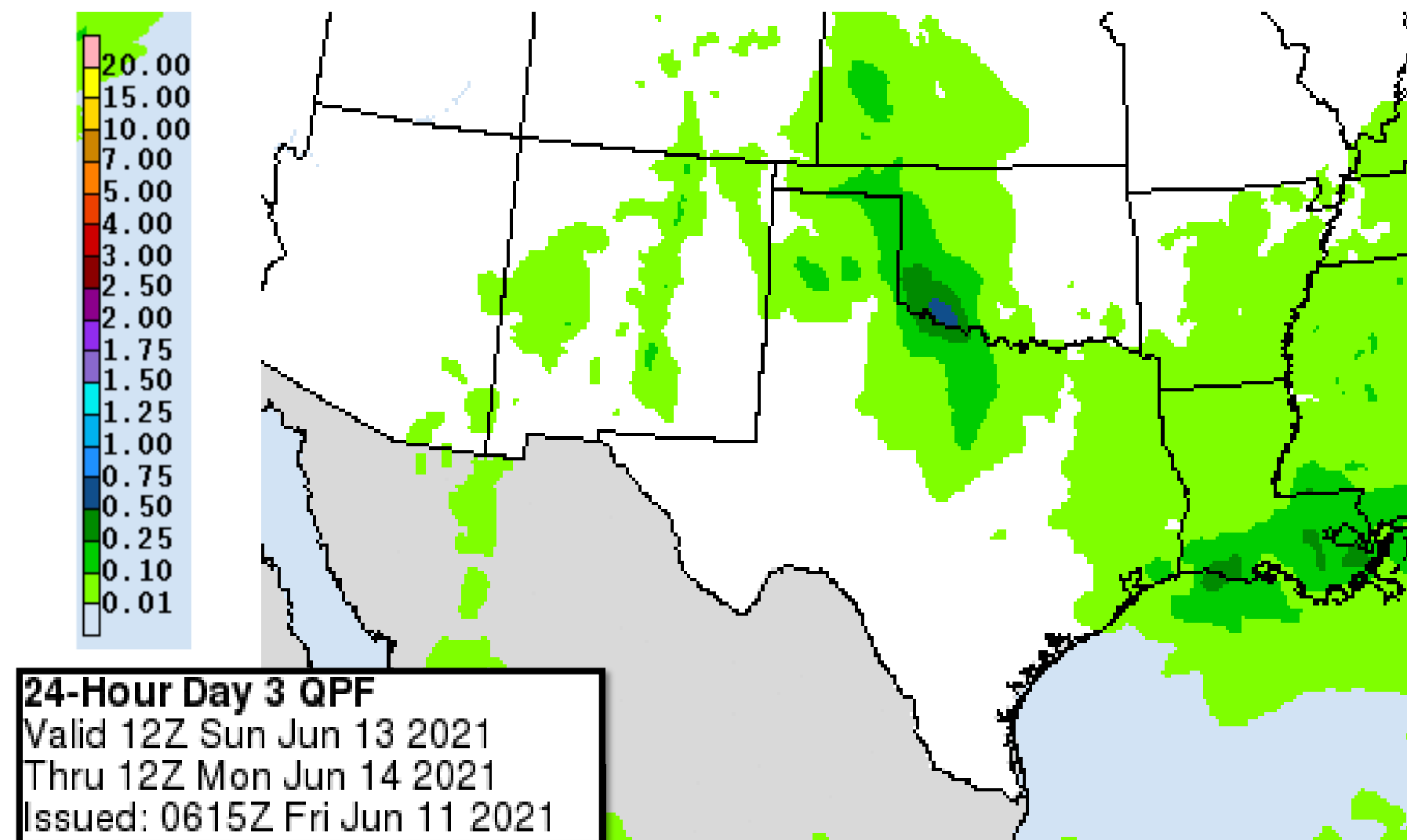


# Sunday's Weather

## Forecast Chart



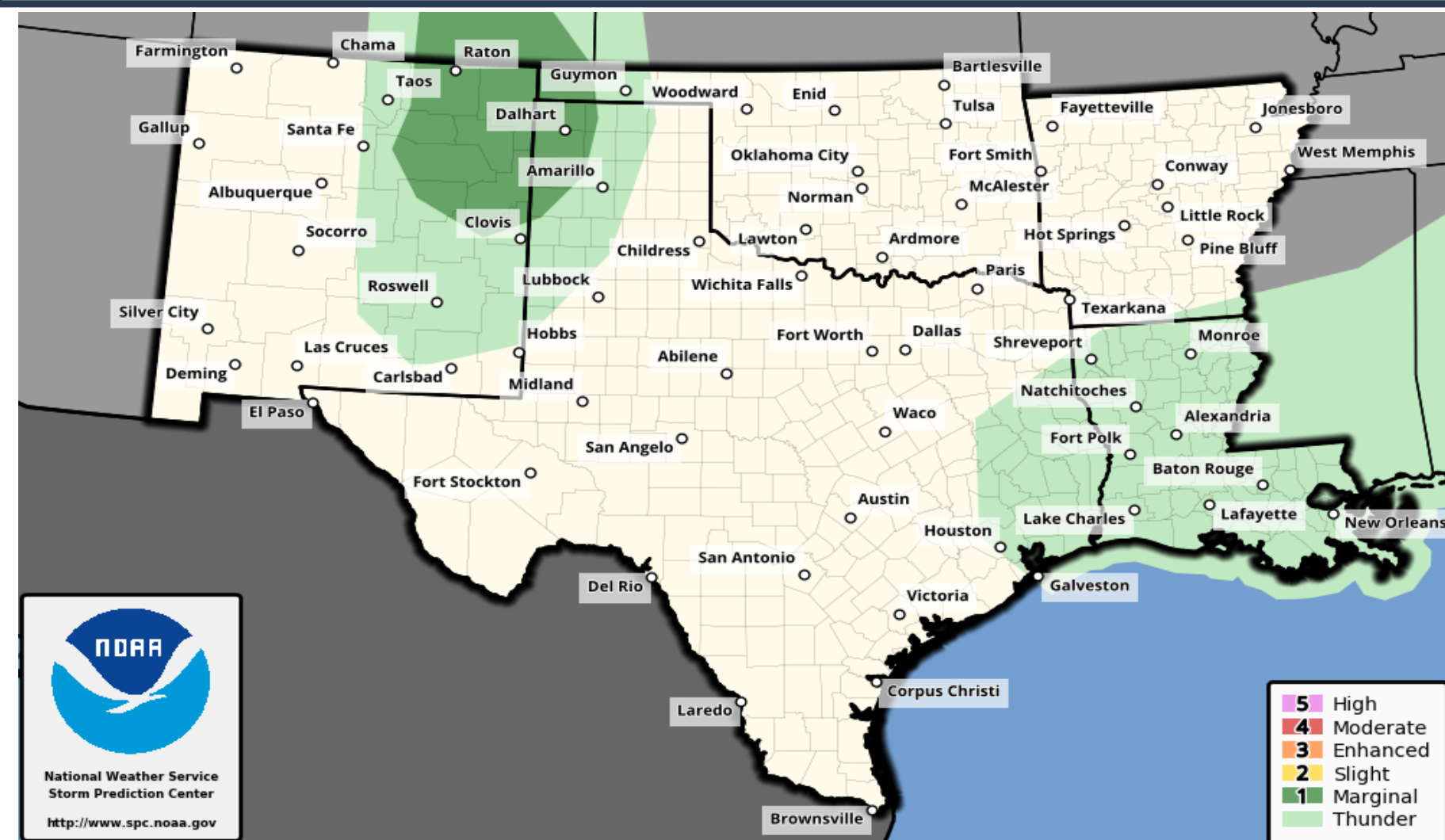
## Forecast Rainfall



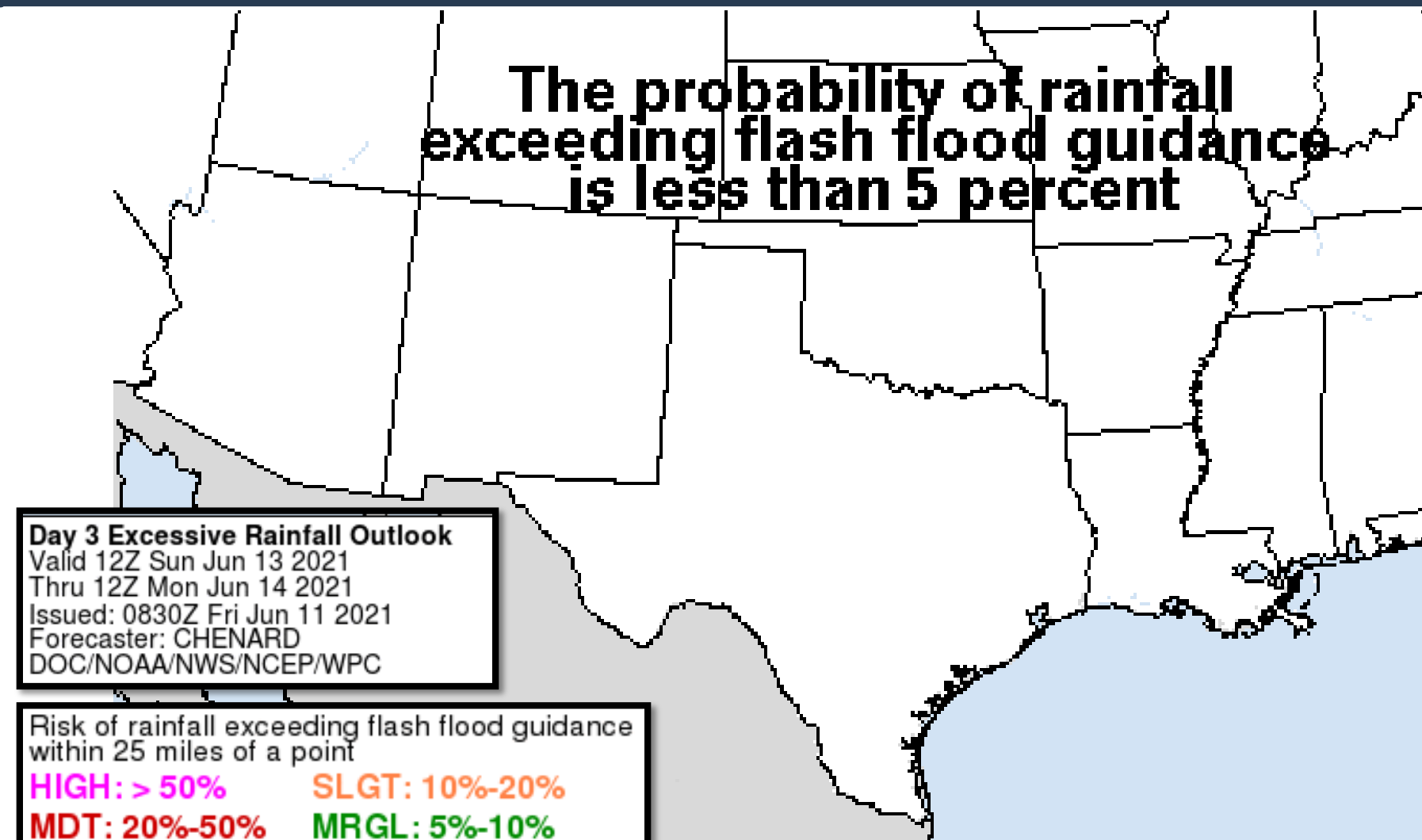
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Isolated severe storms with hail or damaging wind gusts possible for NE NM into the western portions of the TX/OK Panhandles.

## Severe Weather Outlook



## Excessive Rainfall Outlook





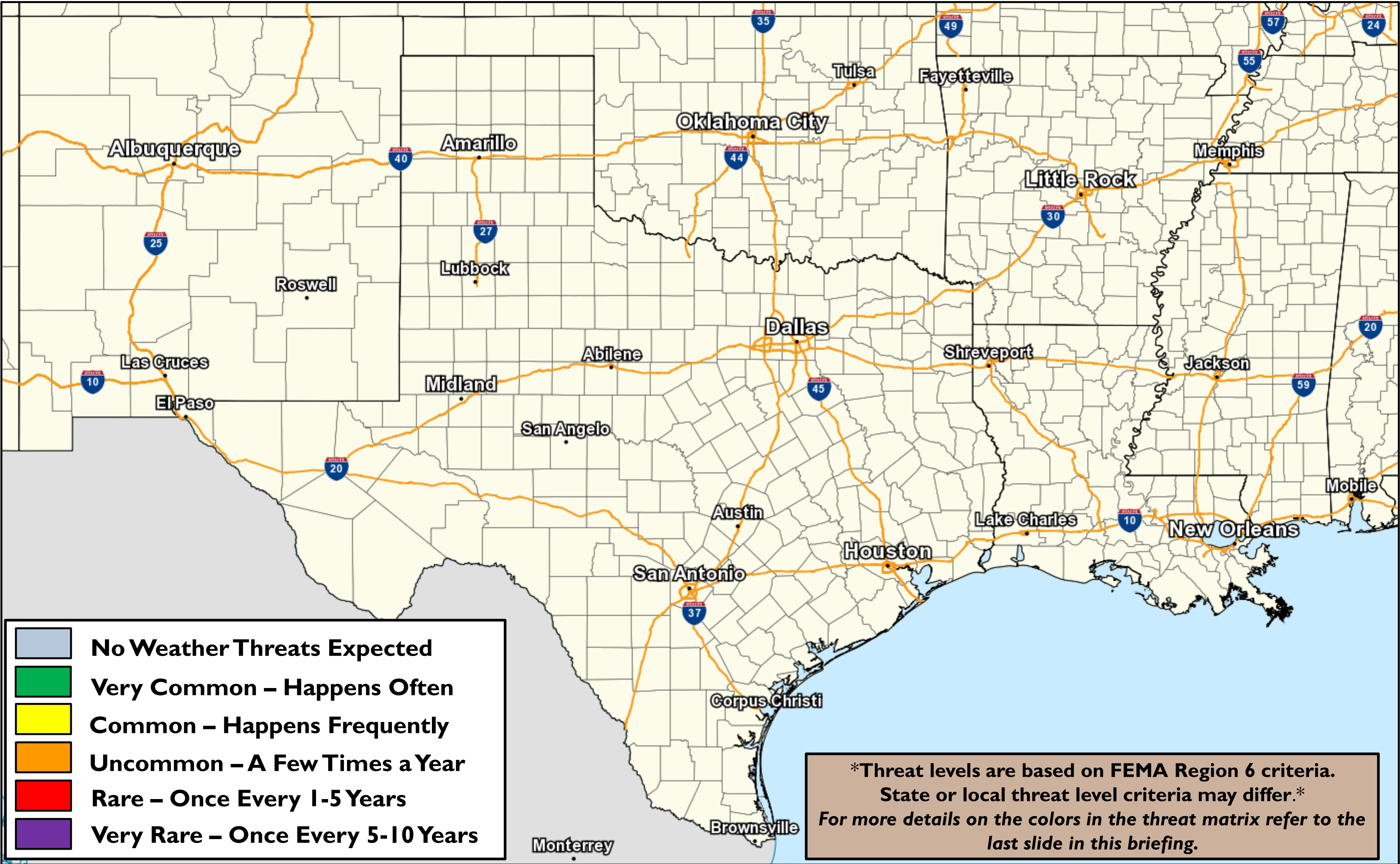
# Days 4-5 Weather Hazards

Monday - Tuesday



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No significant weather impacts expected.





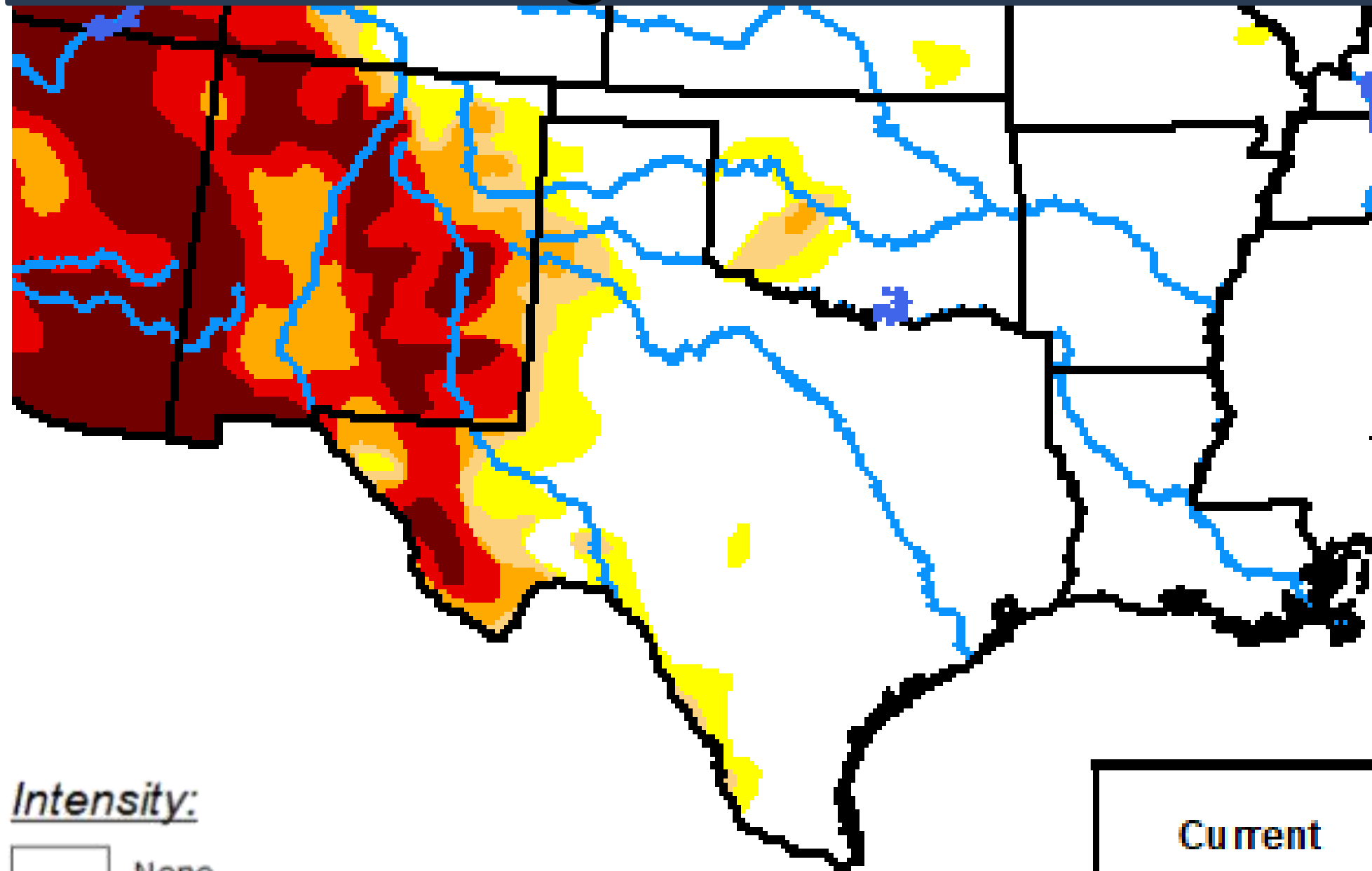
# Drought Monitor (Released Jun 10, 2021)



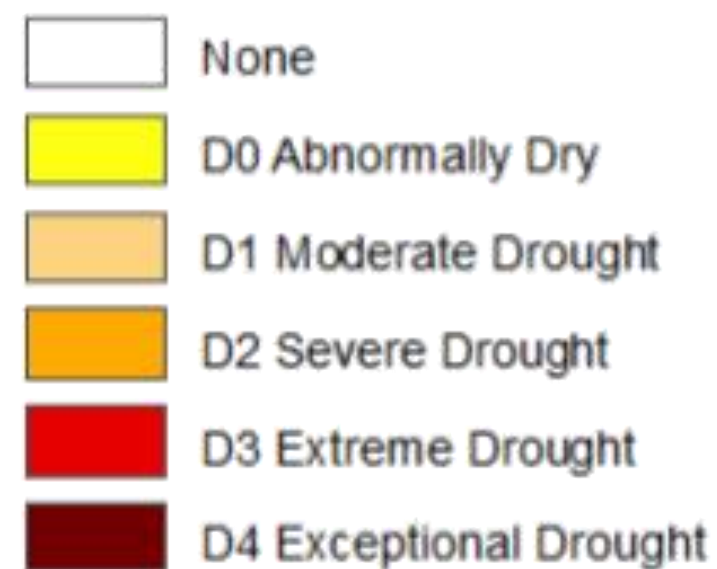
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Data valid as of 8 am ET on Tuesday, June 8, 2021

## Drought Monitor

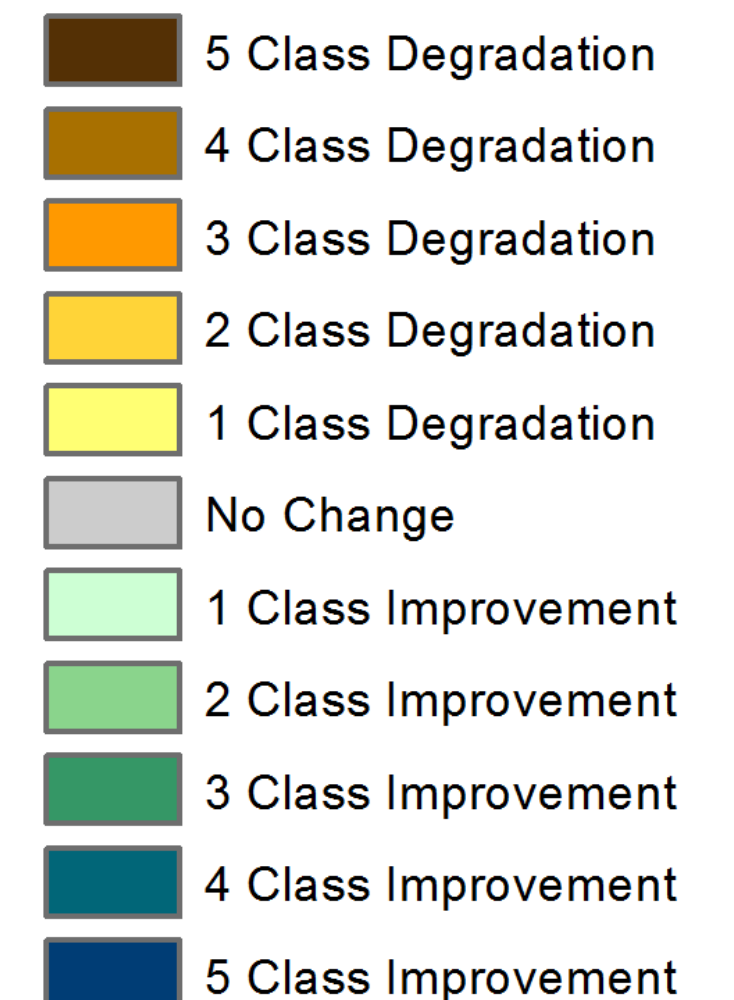
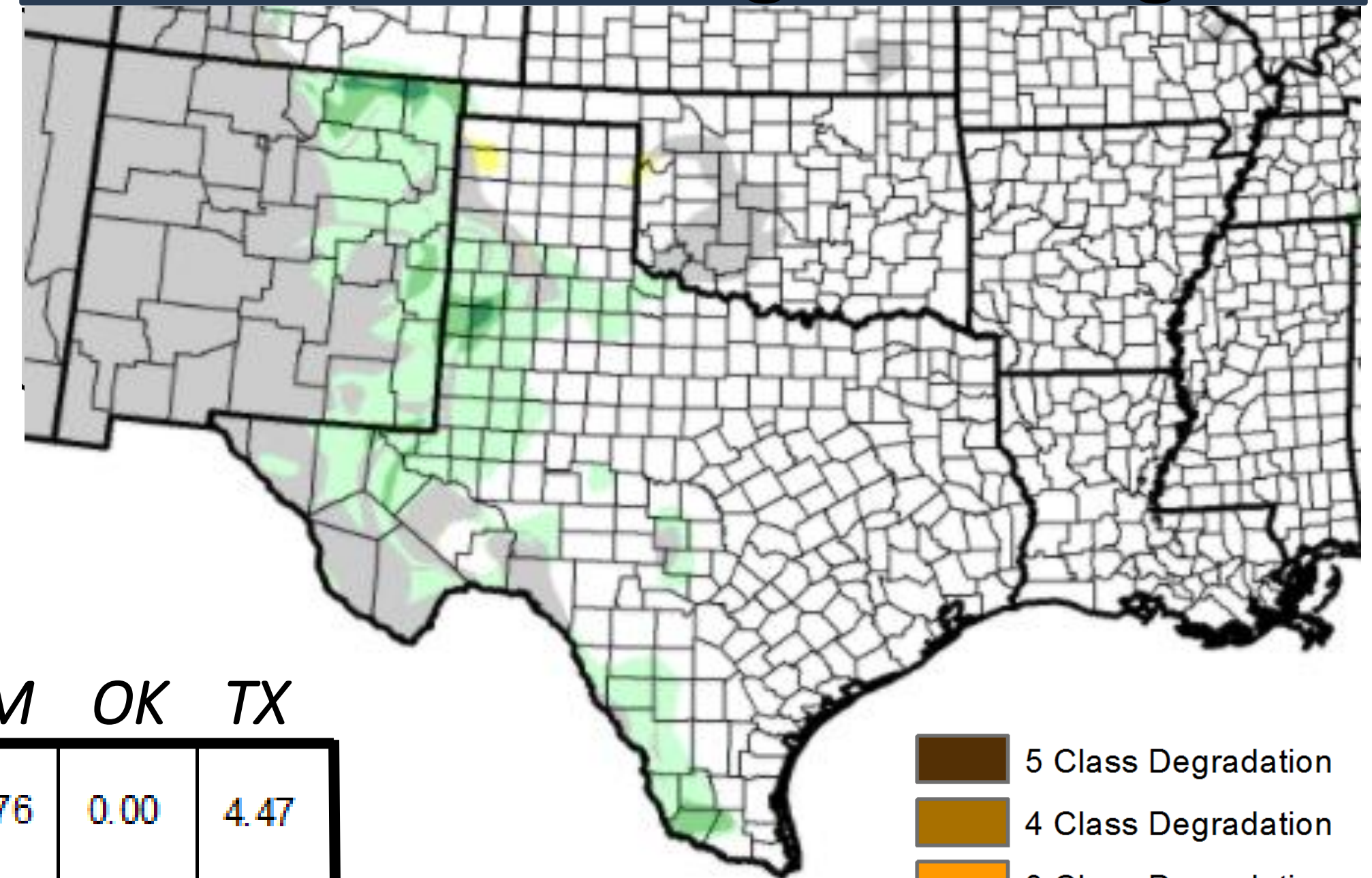


### Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

## One Week Change in Drought



	AR	LA	NM	OK	TX
Current	0.00	0.00	64.76	0.00	4.47
Last Week 06-01-2021	0.00	0.00	73.97	0.00	6.44
3 Months Ago 03-09-2021	0.00	0.00	82.29	0.86	18.27
One Year Ago 06-09-2020	0.00	0.00	8.91	3.92	0.58

Drought Conditions (Percent Area)

D3-D4 (Extreme to Exceptional Drought)

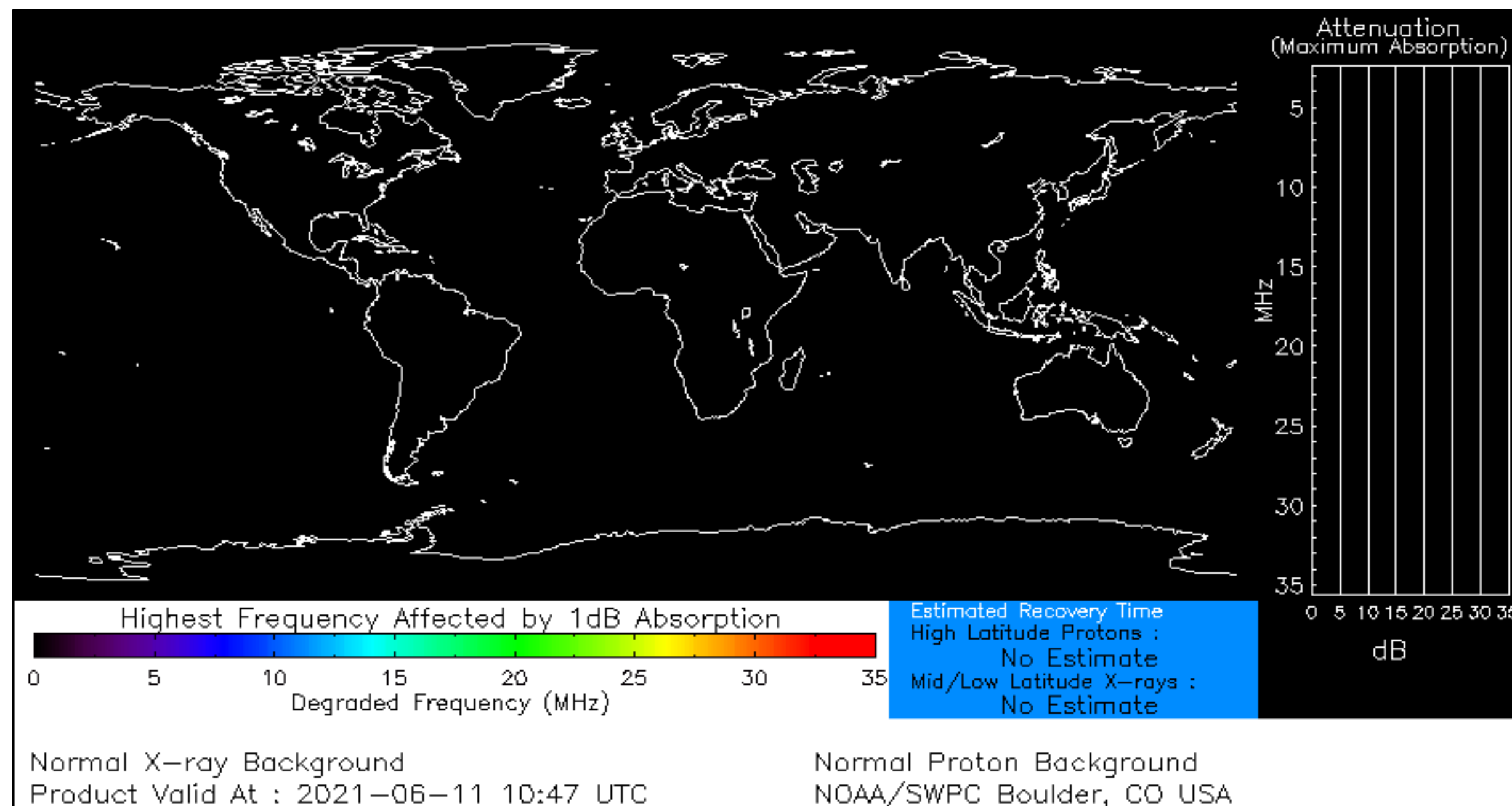


# Space Weather 3-Day Forecast



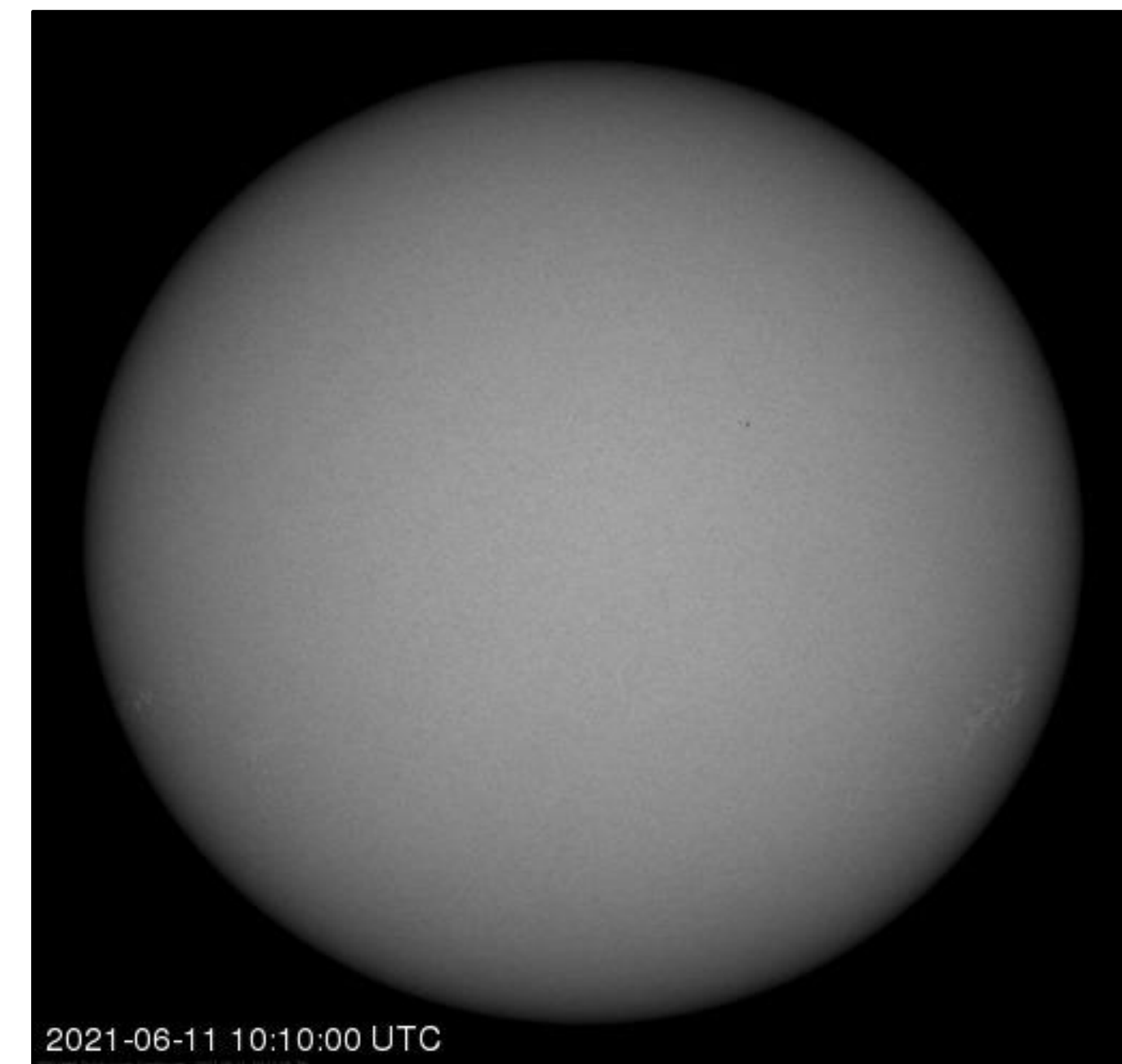
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	Friday	Saturday	Sunday
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>
<b>Radio Blackout (R1-R2)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>
<b>Radio Blackout (R3-R5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**